

10506 ORIGINAL

Diag. Cht. No. 1.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC
Field No. Ph-170 Office No. T-10506

LOCALITY
State LOUISIANA
General locality ATCHAFALAYA RIVER
Locality BAYOU CURRENT

1956-57

CHIEF OF PARTY
Ira R. Rubottom, Chief of Field Party
Arthur L. Wardwell, Tampa District Officer

LIBRARY & ARCHIVES

DATE

USCOMM-DC 5087

10506

DESCRIPTIVE REPORT - DATA RECORD

T- 10506

Project No. (II): **Ph-170** Quadrangle Name (IV):

Field Office (II): **Opelousas, Louisiana**

Chief of Party: **Ira R. Rubottom**

Photogrammetric Office (III): **Tampa, Florida**

Officer-in-Charge: **Arthur L. Wardwell**

Instructions dated (II) (III): **Field - 4 Dec. 1956**
Supplement 1 (Field) - 15 January 1957
Supplement 2 (Field) - 14 March 1957
Office: 21 January 1957
Amendment (Office): 2 April 1959

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:20,000**

Stereoscopic Plotting Instrument Scale (III): **Inapplicable**

Scale Factor (III): **None**

Date received in Washington Office (IV):

JUN 2 - 1950

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **N. A. 1927**

Vertical Datum (III): **MHW**

~~Mean sea level~~ except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): **A-3678 (IGS)**

Lat.: **30 47 42.783 (1317.5m)**

Long.: **91 47 16.855 (448.1m)**

Adjusted
~~Unadjusted~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): **Martin C. Moody**

Date: **Aug. 1957**

Planetable contouring by (II): **Inapplicable**

Date:

Completion Surveys by (II): **Inapplicable**

Date:

Mean High Water Location (III) (State date and method of location): **Date of photographs: 15 Oct. 1956
Air photo compilation**

Projection and Grids ruled by (IV): **J. R. Haskin (W.O.)**

Date: **Oct. 1957**

Projection and Grids checked by (IV): **J. R. Haskin (W.O.)**

Date: **Nov. 1957**

Control plotted by (III): **Portland Office**

Date:

Control checked by (III): **Portland Office**

Date:

Radial Plot ~~or Stereoscopic~~ **Portland Office**
Control extension by (III):

Date:

Stereoscopic Instrument compilation (III): **Inapplicable**
Planimetry
Contours

Date:

Date:

Manuscript delineated by (III): **R. Dossett**

Date: **June 1959**

of map manuscript
Photogrammetric Office Review/by (III): **R. R. Wagner**

Date: **Nov. 1959**

Elevations on Manuscript **Inapplicable**
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): U.S.C.& G.S. Nine-lens, 8 $\frac{1}{4}$ " focal length

4

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
54958	15 Oct. 1956	1408	1:20,000	
54959	"	1409	"	No
54960	"	1410	"	
54977	"	1430	"	Tide
54978	"	1431	"	
54979	"	1432	"	

Tide (III)

Inapplicable.

Reference Station:
Subordinate Station:
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV):

Date:

Final Drafting by (IV): R. Dossett, Tampa District Office
Final drafting reviewed by: W. H. Shearouse, Tampa D. O.
Drafting verified for reproduction by (IV):

Date: April 1960
Date: May 1960

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 57
Shoreline (More than 200 meters to opposite shore) (III): 68
~~Shoreline (Less than 200 meters to opposite shore) (III):~~
Control Leveling - Miles (II): none
Number of Triangulation Stations searched for (II): 8
Number of BMs searched for (II): -
Number of Recoverable Photo Stations established (III): 0
Number of Temporary Photo Hydro Stations established (III): 0

Recovered: 5 Identified: 3
Recovered: - Identified: -

Remarks:

FIELD INSPECTION REPORT
PROJECT 170
MAP T-10506

Please refer to the Field Inspection Report for Map T-10502
for all data pertaining to this map.

Submitted:

Leo L. Beugnot

for

Martin G. Moody
Cartographic Survey Aid

Approved:

Ira R. Rubottom

Ira R. Rubottom
Chief of Party

MAP T-10506

PROJECT NO. Ph. 170

SCALE OF MAP 1:20,000

SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS (BACK)		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (BACK)		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
				FORWARD	(BACK)		FORWARD	(BACK)	
MOSENT, 1941	GP NA	NA	30 50 17.113						
	P II 81 1927		91 57 78.553						
A-3678 (LGS)	DOENBURG QUAD P. 42	"	30 47 42.783 ✓		30.795 ✓	1317.5 (530.2) ✓	1847.7	1847.7	Project
Ditto Sub Sta			91 47 16.855 ✓		26.586	448.1 (1147.1) ✓	1595.2 ✓		
			30 47			1294.7 (553.0) ✓			
			91 47			453.3 (1141.9) ✓			
PBM BARBRE = 5 (USE) 1929	DOENBURG QUAD #45	"	30 51 51.010 ✓		30.795 ✓	1570.9 (276.8) ✓			
Ditto Sub Sta.			91 47 31.566 ✓		26.567	838.6 (755.4) ✓			
			30 51 Not held in plot by 15 meters			1640.8 (206.9) ✓			
			91 47 See Plot Report			850.9 (743.1) ✓			
LEVEE STATION 820 + 17.85 (USE) 1949	WABPL Sheet #3 of 6		30 48 05.319		30.795	163.8 (1683.9) ✓			
Ditto Sub Sta			91 56 19.699		26.585	523.7 (1071.4) ✓			
			30 48			74.9 (1772.8)			
			91 56			465.8 (1129.3)			
A-4696 (LGS)	II P 40		30 50 18.242						
			91 57 57.769						

COMPILATION REPORT T-10506

PHOTOGRAMMETRIC PLOT REPORT

Submitted by Portland Office. Desc. Report T10527

31. DELINEATION

Compiled by graphic method.

The photographs were clear and of reasonably good scale. Some tilt was present in all photographs.

Due to dense woodland coverage some streams were untraceable in their entirety. Because some of these have geographic names they have been delineated as well as possible and the label PDU (Probable Drainage Unsurveyed) has been applied.

Field inspection was adequate.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None used.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage, where identifiable, has been delineated as shown on the photographs. For more information on drainage, see item 5 of Field Inspection Report submitted with T-10502.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline has been delineated as shown on the photographs and according to field inspection notes. See item 7 in report for T-10502.

There are no shoals or low-water line shown.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

A satisfactory junction has been secure with T-10504 on the north, T-10508 on the south and T-10507 on the east. There is no contemporary survey on the west. This manuscript represents the southeast portion of U. S. Corps of Engineers 15-minute quadrangle, ODENBURG, LOUISIANA, and the junction appears to be satisfactory.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U. S. Corps of Engineers quadrangle ODENBURG, LOUISIANA, scale 1:62,500, edition of 1955 from aerial photographs of April 1948 and Oct.-Dec. 1952. No outstanding discrepancies were noted.

47. COMPARISON WITH NAUTICAL CHARTS

No chart available.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.


Rudolph Dossett
Carto Photo Aid

APPROVED AND FORWARDED


Arthur L. Wardwell
Tampa District Officer

49. NOTES FOR THE HYDROGRAPHER

None.

50.

PHOTOGRAMMETRIC OFFICE REVIEW OF MAP MANUSCRIPT

T- 10506

- 1. Projection and grids WHS 2. Title WHS 3. Manuscript numbers WHS 4. Manuscript size WHS

Unclassified

1a. Classification label _____

CONTROL STATIONS

- 5. Horizontal control stations of third-order or higher accuracy RRW 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) XX 7. Photo hydro stations XX 8. Bench marks XX
- 9. Plotting of sextant fixes XX 10. Photogrammetric plot report Port-land Office 11. Detail points RRW

ALONGSHORE AREAS

(Nautical Chart Data)

- 12. Shoreline WHS 13. Low-water line XX 14. Rocks, shoals, etc. XX 15. Bridges WHS 16. Aids to navigation XX 17. Landmarks XX 18. Other alongshore physical features WHS 19. Other along-shore cultural features WHS

PHYSICAL FEATURES

- 20. Water features WHS 21. Natural ground cover WHS 22. Planetable contours XX 23. Stereoscopic instrument contours XX 24. Contours in general XX 25. Spot elevations XX 26. Other physical features WHS

CULTURAL FEATURES

- 27. Roads WHS 28. Buildings WHS 29. Railroads WHS 30. Other cultural features WHS

BOUNDARIES

- 31. Boundary lines XX 32. Public land lines XX

MISCELLANEOUS

- 33. Geographic names WHS 34. Junctions WHS 35. Legibility of the manuscript WHS 36. Discrepancy overlay XX 37. Descriptive Report WHS 38. Field inspection photographs WHS 39. Forms WHS

40. William H. Shearouse
Reviewer

Milton M. Slavney
Supervisor, Review Section or Unit

William H. Shearouse

Milton M. Slavney

- 41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

- 42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

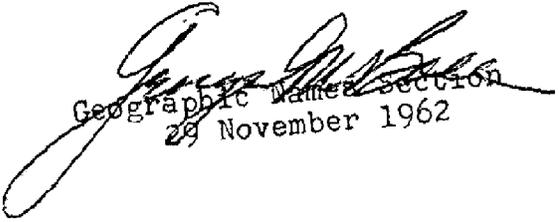
Compiler

Supervisor

- 43. Remarks:

48. Geographic Names:

Atchafalaya River
 Barberton Landing
 Bayou Cason
 Bayou Current
 Bayou Current (settlement)
 Bayou Garwood
 Bayou Jack
 Bayou Rouge
 Bayou Tawpaw
 Bee Tree Bayou
 Buckhorn Bayou
 Burlong Landing
 Castle Bayou
 Coon
 Coyles Bayou
 Crooked Bayou
 Cypress Point
 Davis Bayou
 East Fork Lake Bayou
 Elba
 Elba Landing
 Fairfield Landing
 Flat Lake
 Greens Lake
 Harvey Bayou
 Hicks Landing
 Hog Lake
 Hops Bayou
 Nnee Bayou
 Lake Bayou
 McCrea
 Middle Bayou
 Squaw Bayou
 Starks Bayou
 State Canal
 The Bays
 Turners Bayou
 West Atchafalaya Floodway
 White Head Lake
 Woodside


 Geographic Names Section
 29 November 1962

REVIEW REPORT
OF PLANIMETRIC MANUSCRIPTS
T-10502 thru T-10509

February 1963

61. General Statement

There are eight (8) of thirty-one (31) planimetric maps of Project PH-170 Atchafalaya River, La. These maps were prepared as bases for Nautical Charts and future Hydrographic Surveys.

62. Comparison with Registered Topographic Surveys

None

63. Comparison with Maps of other Agencies

Voorhies, La.	1:62,500	CofE	1941
Artonish, La.	1:62,500	CofE	1955
Odenburg, La.	1:62,500	CofE	1955
Batchelor, La.	1:62,500	CofE	1955
Palmetto, La.	1:62,500	CofE	1959
Ferdoche, La.	1:62,500	CofE	1959
See Item 46			

64. Comparison with Contemporary Hydrographic Surveys

There are no contemporary hydrographic surveys within the limits of these manuscripts.

65. Comparison with Nautical Charts

None

66. Adequacy of Results and Future Surveys

These maps were prepared for bases for Nautical Charts and future Hydrographic Surveys and are within the required accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles L. Leman Chief, Cartographic Branch
Robert G. Taylor Chief, Nautical Charts Division
J. E. Waugh 4/5/63 Chief, Photogrammetry Division
Harold S. Conroy Chief, Operations Division

